

## Handout #6

### Bacteria Criteria and Assessment

Description of Flow Type (use published flow type or other reliable source)	Classified Water Bodies (in Appendix A of the TSWQS)				Unclassified Water Bodies (1)			
	Most Typically Designated CR Use	Designated Criteria average/single sample (cfu/100 mLs)	Presumed 7Q2 if not published with or no information to contrary (cfs)	Eliminate samples collected below the 7Q2 (2)	CR Use	Designated Criteria average/single sample (cfu/100 mLs)	Presumed 7Q2 if not published with or no information to contrary	Eliminate samples below 7Q2
Fresh Water Perennial Stream	High	126/394 E. coli 200/400 fecal coliform	0.1	yes	High	126/394 E. coli 200/400 fecal coliform	0.1	no
Fresh Water Intermittent Stream with Perennial Pools	High	126/394 E. coli 200/400 fecal coliform	0.1	yes	High	126/394 E. coli 200/400 fecal coliform	0.1	no
Fresh Water Intermittent Stream	High	126/394 E. coli 200/400 fecal coliform	0.1	yes	High	126/394 E. coli 200/400 fecal coliform	0.1	no
Reservoir	High	126/394 E. coli 200/400 fecal coliform	n/a	n/a	High	126/394 E. coli 200/400 fecal coliform	n/a	n/a
Tidal Stream	High	35/89 Enterococcus 200/400 fecal coliform	n/a	n/a	High	35/89 Enterococcus 200/400 fecal coliform	n/a	n/a
Estuary	High	35/89 Enterococcus 200/400 fecal coliform	n/a	n/a	High	35/89 Enterococcus 200/400 fecal coliform	n/a	n/a

1. TCEQ has assigned Contact Recreation Use to all unclassified water bodies as part of the general criteria in the Texas Surface Water Quality Standards (TSWQS).
2. Presume event was above the 7Q2 for classified stream segments when no flow information is available for the event. Note that flow severity of 1 is no flow or 0.0 cfs and the event should not be assessed.